

Answers The BIDMAS Rule - Book 2

Ordering Operations

- ◆ Brackets $() \{ \} []$
- ◆ Indices $()^2 \sqrt{\quad}$
- ◆ Division \div }
- ◆ Multiplication \times }
- ◆ Addition $+$ }
- ◆ Subtraction $-$ }

Answers to BIDMAS Book 2

<p>Page 3</p> <p>Q1: a) -3 b) -9 c) -40 40 72 -49 d) 7 -3 -9 -5</p> <p>Q2: a) 2.5, 0.04 b) 4, 0.25 c) 10, 0.1 d) 2, 0.5</p>	<p>Page 4</p> <p>Correct answers are.</p> <p>Q1: 1) b 2) c 3) b</p>
<p>Page 6</p> <p>Q1: a) -14 b) 9 c) Correct sum is iii.</p>	<p>Page 7</p> <p>Q1: a) 5 b) 19 c) iii</p>
<p>Page 8</p> <p>Q1: a) 22</p> <p>b) i. -15 ii. 75</p> <p>c) i. 18 ii. 42</p> <p>d) i. 24 ii. 16</p>	<p>Page 9</p> <p>Q1: a) The (ii) sum has brackets.</p> <p>b) i. 92 ii. 200 c) brackets</p> <p>d) True. b, (ii) brackets makes a difference.</p> <p>Q2: a) i. 43 ii. 55 iii. 29</p> <p>b) Numbers and operators.</p> <p>c) Brackets and the position of the operator.</p>
<p>Page 10</p> <p>Q1: a) i. 85</p> <p>b) i. 36 ii. 126</p> <p>c) i. 18 ii. 42</p> <p>d) i. 14 ii. -36</p>	<p>Page 11</p> <p>Q1: a) i. 64 ii. 160</p> <p>b) i. -24 ii. 60</p> <p>c) i. -10 ii. -250</p> <p>d) i. 36 ii. 10</p> <p>e) i. -100 ii. 3</p>
<p>Page 12</p> <p>Q1: a) 84</p> <p>b) i. 37 ii. 5</p> <p>c) i. 21 ii. 17</p> <p>d) i. 27 ii. 147</p> <p>e) i. 38 ii. 22</p>	<p>Page 13</p> <p>Q1: a) i. 16 ii. 81</p> <p>b) i. 64 ii. -11</p> <p>c) i. 12 ii. 80</p> <p>d) i. 30 ii. 28</p> <p>e) i. 25 ii. -5</p>
<p>Page 14</p> <p>Q1: a) Brackets makes a difference.</p> <p>b) i. 48 ii. 100 c) True.</p> <p>Q2: a) i. 14 ii. 8 iii. 22</p> <p>b) Numbers and operators.</p> <p>c) Brackets were added.</p>	<p>Page 15</p> <p>Q1: a) i. 74 ii. 122</p> <p>b) i. 50 ii. 38</p> <p>c) i. Yes ii. Yes iii. Brackets</p> <p>Q2: a) 4 b) 10 c) 5 d) 4</p>
<p>Page 16</p> <p>Q1: a) i. 24 b) i. 69 ii. 30</p> <p>c) i. 100 ii. 0</p> <p>d) i. 6 ii. -40</p>	<p>Page 17</p> <p>Q1: a) i. 80 ii. 5</p> <p>b) i. 75 ii. -55</p> <p>c) i. 44 ii. -3</p> <p>d) i. -25 ii. -100</p>

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<p>Page 18</p> <p>Q1: a) -1 b) i. -5 ii. -38 c) i. 41 ii. -26 d) i. 24 ii. 160</p>	<p>Page 19</p> <p>Q1: a) i. 153 ii. 10 b) i. -72 ii. -500 c) i. 16 ii. 1 d) i. 15 ii. 70</p>
<p>Page 20</p> <p>Q1: a) -8 b) i. 145 ii. -52 c) i. 0 ii. -1 d) i. 66 ii. 64</p>	<p>Page 21</p> <p>Q1: a) i. 38 ii. -6 b) i. -54 ii. -640 c) i. 60 ii. 3 d) i. 20 ii. 75</p>
<p>Page 22</p> <p>Q1: a) i. 83 ii. 189 b) i. 50 ii. -10 c) i. -24 ii. -1 d) i. 48 ii. -32</p>	<p>Page 23</p> <p>Q1: a) i. 41 ii. -128 b) i. -79 ii. -160 c) i. 125 ii. -13 d) i. 10 ii. 56</p>
<p>Page 24</p> <p>Q1: a) 1 b) 8 c) 6 d) 3 Q2: a) i. 14 ii. -10 iii. 35 iv. 4 b) Numbers and operators remained in the same position. c) Brackets.</p>	<p>Page 25</p> <p>Q1: a. $20 + 2 \times 10$ b. $20 - 60 \div 10$ = $20 + 20$ = $20 - 6$ = 40 = 14</p> <p>Q2: a) i. 11 ii. -1 iii. -5 iv. 19 b) Numbers, operators and order remained in the same position. Brackets. c) Own answer.</p>
<p>Page 26</p> <p>Q1: a) 16 b) 2 c) 110 d) 6 Q2: a) i. 4 ii. -8 iii. -2 iv. 4 b) Numbers and operators remained the same. c) Brackets changed. d) Own answer.</p>	<p>Page 27</p> <p>Q1: a. $3 + 8^2 - 10$ b. $10 - 18 \div 3^2$ = $3 + 64 - 10$ = $10 - 18 \div 9$ = $67 - 10$ = $10 - 2$ = 57 = 8</p> <p>Q2: a) i. 16 ii. 0 iii. 28 iv. 4.</p>
<p>Page 28</p> <p>Q1: a) 15 b) 25 c) 10 d) 4 Q2: a) i. -40 ii. 260 iii. 248 iv. -44 b) Numbers and operators remained the same. c) Brackets changed. d) Own answer.</p>	<p>Page 29</p> <p>Q1: a. $8^2 + 5 - 3 \times 10$ b. $10 - 5^3 + 10 \times 10$ = $64 + 5 - 30$ = $10 - 125 + 100$ = $69 - 30$ = $-115 + 100$ = 39 = -15</p> <p>Q2: a) i. 0 ii. 2 iii. 3 iv. 4 v. 5 vi. 6 vii. 7 viii. 8 ix. 9 x. 10</p>
<p>Page 30</p> <p>Q1: a) 5 b) -10 c) -20 d) 5 Q2: a) i. 5 ii. 20 iii. 5 iv. 2 v. 0 vi. 4 b) Numbers remained the same. c) Brackets and operators changed.</p>	